

**[AMENDMENT #1 TO THE FACT SHEET FOR
STATE WASTE DISCHARGE PERMIT ST-8024**

GENERAL INFORMATION	
Applicant	City of Moses Lake
Facility Name and Address	City of Moses Lake (Larson WWTP) P.O. Box 1579 Moses Lake, WA 98837-0244
Type of Treatment	Aerated lagoons with infiltration basins
Discharge Location	Latitude: 47° 11' 14" N Longitude: 119° 17' 27" W.
Legal Description of Application Area	NW ¼ of Sec 34, T. 20 N., R 28 E.W.M.
Contact at Facility	Name: Dick Leishman Telephone #: 509-766-9229
Responsible Official	Name: Tim Varney Title: Public Works Superintendent Address: P.O. Box 1579, Moses Lake, WA 98837 Telephone #: 509-766-9225 FAX# 509-766-3615

HISTORY:

The Larson Wastewater Treatment Plant is located on a 34 acre site southeast of the Grant County Airport. In 1943, a primary treatment plant was constructed on the site to serve the Larson Army Air Corp Base including base housing. In 1967, the City of Moses Lake acquired the Larson WWTP and responsibility for ongoing operation and maintenance of the facility. In the early 1970's, the city upgraded the original primary wastewater treatment facility and constructed the current Larson WWTP.

Permit Amendment:

The permittee has sent the department a written request to amend the permit. The requested changes and the rationale are:

1. The current requirement for a Total Kjeldahl Nitrogen (TKN) limit be deleted. Weekly testing of TKN, Nitrate (NO₃) and Total Nitrogen (TN) is being conducted and the TKN limit does not appear to add anything of value. Making adjustments to keep the TKN level below 2 mg/L can be made, but the result is an increase in TN, which is not beneficial or protective of groundwater.
2. The Total Nitrogen (TN) limit of 8 mg/L be increased to 10 mg/L which is the drinking water standard.

Permittee Modification:

General Condition G3 and G4 provide for the modification of the permit when good cause is evident and require submission of a new permit application or a supplement to the application. The letter requesting the change and the approved engineering report are an adequate supplement and the General Conditions have been complied with.

Ecology has determined that the permit should be modified to remove the Total Kjeldahl Nitrogen (TKN) limit from the permit. The Total Nitrogen (TN) limit should remain at 8 mg/L as the approved engineering report demonstrates that the plant is capable of meeting the limit and to raise it would not be protective of background.